

IN THE CLAIMS

1. (Currently Amended) Grinding disk (100) for the rotary slaving on a driven shaft (202) of a grinding machine (200), in particular of a hand grinder, which has at least one supporting plate (10) with at least one cut or opening (20) through which the abrasive dust (300) or the like which develops when grinding can be sucked by means of at least one suction bell (206) placed in or on the grinding machine (200), ~~characterized in that~~ wherein the cut or opening (20) is configured aerodynamically.

2. (Currently Amended) Grinding disk according to claim 1, ~~characterized in that~~ wherein the cut or opening (20) is configured substantially oval.

3. (Currently Amended) Grinding disk according to ~~claim 1 or 2, characterized in that~~ claim 1, wherein the cut or opening (20) extends from the center (12) of the supporting plate (10) radially to the peripheral edge (14) of the supporting plate (10).

4. (Currently Amended) Grinding disk according to ~~at least one of the claims 1 to 3, characterized in that~~ claim 1, wherein the longitudinal center line (22) of the cut or opening (20) extends approximately with the shape of an arc of a circle.

5. (Currently Amended) Grinding disk according to ~~at least one of the claims 1 to 4, characterized in that~~ claim 1, wherein the cut or opening (20) extends in direction of the peripheral edge (14) of the supporting plate (10).

6. (Currently Amended) Grinding disk according to ~~any of the claims 1 to 5, characterized in that~~ claim 1, wherein the cut or opening (20), in particular the longitudinal lateral edge (24, 26) of the cut or opening (20), is start ground and/or chamfered.

7. (Currently Amended) Grinding disk according to ~~any of the claims 1 to 6, characterized in that~~ claim 1, wherein on the surface (16) of the supporting plate (10) which is turned off the grinding machine (200)

- at least one raised edge section (30) and/or
- between at least two cuts or openings (20) at least one moulding (40)

is provided on which at least one cushion or pad (60) can be supported and/or fixed for the removable fixing of at least one abrasive disk (80).

8. (Currently Amended) Grinding disk according to ~~at least one of the claims 1 to 7, characterized in that~~ claim 1, wherein at least one radially extending stiffening web (50) is provided on or in the supporting plate (10).

9. (Currently Amended) Grinding disk according to claim 8, ~~characterized in that~~ wherein the stiffening web (50)

- is provided on the surface (18) of the supporting plate which is turned to the grinding machine (200) and/or
- runs at least partially in the area between at least two cuts or openings (20).

10. (Currently Amended) Grinding machine (200), in particular a hand grinder, ~~characterized by~~ comprising at least one grinding disk (100) according to ~~any of the claims 1 to 9~~ claim 1.